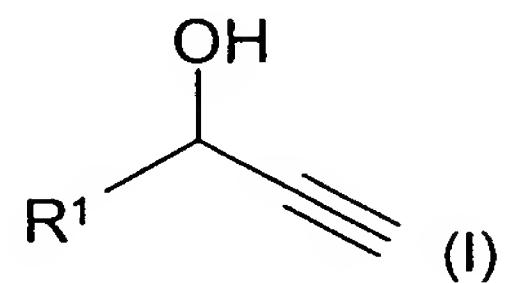


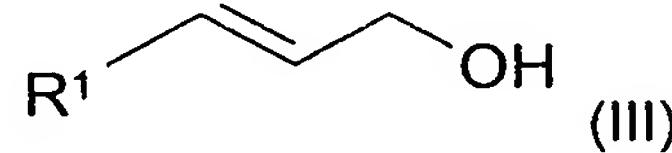
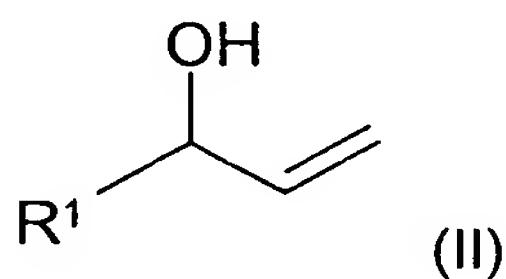
Method for producing a propargyl alcohol and an allyl alcohol

Abstract

5 Process for preparing a propargyl alcohol of the formula I



in which R¹ is a C₁₋₃₀-alkyl, C₃₋₈-cycloalkyl, C₂₋₂₀-alkoxyalkyl, C₆₋₁₄-aryl, C₇₋₂₀-alkoxyaryl,
10 C₇₋₂₀-aralkyl, C₇₋₂₀-alkylaryl radical or H, by reacting a corresponding aldehyde of the
formula R¹-CHO with acetylene in the presence of ammonia and a catalytic amount of
an alkali metal hydroxide, alkaline earth metal hydroxide or alkali metal alkoxide in the
range from 0.6 to 10 mol% based on the aldehyde used, and also
15 processes for preparing an allyl alcohol of the formulae II and III



starting from the propargyl alcohol I prepared in accordance with the invention.